

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/May/2024 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	182.730	347.330	1) Gujrat	2.287	5.228
2) Hydro	9.575	20.665	2) Madhya Pradesh	6.812	13.731
3) Gas	7.023	13.850	3) Chattisgarh	2.660	4.660
Total MSPGCL	199.328	381.845	4) Maharashtra	177.185	344.768
B) 1) APLM	62.110	119.956	5) Goa (Amona)	-1.942	-3.877
2) JSWEL	28.182	54.368	Total	187.002	364.510
3) VIPL	0.000	0.000	a) Mumbai Schedule	40.232	76.848
4) RPL(AMT)	31.604	60.989	b) Mumbai Drawl	41.942	83.051
5) SWPGPL	12.309	23.884	c) MSEDCL Bilateral *	81.668	169.306
6) Other IPP	18.843	38.144	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	40.232	76.848
C) 1) TPCL Thermal	13.406	24.183	Include PX	0.000	0.000
2) TPCL Hydro	5.622	9.149	Standby	0.000	0.000
3) TPCL Gas	3.882	8.021	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.757	20.809	1) MSEDCL	520.684	1013.113
D) STATE			2) Mumbai Discoms	75.609	145.213
1) Thermal	359.941	689.663	3) Other Discoms	11.183	22.280
(A1+C1+C4+(B1-B6))			TOTAL STATE	607.476	1180.606
2) Hydro	15.197	29.814			
(A2+C2)					
3) Gas	10.905	21.871			
(A3+B7+C3)					
4) Wind	15.261	37.350			
6) SOLAR	19.170	37.398			
TOTAL STATE	420.474	816.096			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	7181	7674	8216	7772
MSPGCL Hydro	225	201	674	227
MSPGCL Gas	281	302	284	293
MSPGCL Total Generation	7687	8177	9174	8292
Central Sector Receipt	9190	8766	7244	6907
WIND	178	554	916	813
CPP / IPP Thermal	5427	6231	7102	6454
CPP / IPP Gas	0	0	0	0
SOLAR	2395	1659	0	0
Exchange with Mumbai	-2034	-2029	-1533	-1516
MSEDCL DEMAND MET	22324	22858	22408	20556
Load Shedding	0	0	0	0
MSEDCL DEMAND	22324	22858	22408	20556
TPCL GENERATION	1160	1171	1244	659
AEML GENERATION	503	499	472	315
MUMBAI DEMAND	3697	3699	3249	2490
OTHER DISCOM DEMAND	519	500	495	394
STATE DEMAND MET	26540	27057	26152	23440
STATE DEMAND	26540	27057	26152	23440
Frequency (Hz)	50.03	50.03	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.25 Hz at 18.02 Hrs	49.73 Hz at 09.36 Hrs	50	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 02/May/2024

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.06	7.97	190	125
Unit 8	14.33	22.51	612	565
Unit 9	14.13	26.68	600	557
Unit 10	14.05	26.51	608	565
Total	46.58	83.67		
Bhusawal				
Unit 3	0.20	3.36	160	0
Unit 4	10.20	19.76	480	300
Unit 5	9.10	18.13	450	300
Total	19.50	41.26		
Parli				
Unit 6	4.07	8.28	243	142
Unit 7	4.12	8.29	242	140
Unit 8	4.05	8.31	246	140
Total	12.25	24.89		
Chandrapur				
Unit 3	3.59	6.95	163	125
Unit 4	3.73	7.23	170	125
Unit 5	7.69	11.77	440	0
Unit 6	9.02	17.68	445	280
Unit 7	8.83	17.51	427	285
Unit 8	10.83	20.12	470	315
Unit 9	11.62	21.21	500	332
Total	55.30	102.48		
Paras				
Unit 3	5.25	10.02	246	155
Unit 4	5.49	10.39	253	151
Total	10.74	20.41		
Khaparkheda				
Unit 1	3.87	7.26	170	145
Unit 2	4.53	8.39	204	165
Unit 3	4.16	8.01	176	167
Unit 4	4.13	7.97	191	153
Unit 5	11.04	21.75	495	403
Total	27.73	53.38		
Nasik				
Unit 3	3.69	7.36	185	121
Unit 4	3.72	7.34	190	122
Unit 5	3.22	6.54	162	117
Total	10.63	21.24		
Uran				
All Units	7.02	13.85	363	274
Total	7.02	13.85		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.22	0.47	47	0
Total	0.22	0.47		
Koyna				
Stage 1-2	2.36	4.35	545	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 4	2.29	6.21	602	0
Stage 3	1.38	2.85	222	0
Total	6.02	13.41		
Hydro				
KDPH	0.71	1.44	30	29
VTRNA	0.90	1.81	61	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.00	0.00	0	0
SMLHY_PTN	1.95	4.00	88	75
GHATGHAR	0.00	0.00	0	0
Total	3.55	7.26		
Wind				
Total	15.26	37.35	0	0
Total	15.26	37.35		
CPP				
APML(Mus)	62.11	119.96	0	0
JSWEL(Mus)	28.18	54.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.60	60.99	0	0
SWPGPL-Mus	12.31	23.88	0	0
Dhariwal	0.00	0.00	0	0
IEPL	5.19	10.60	267	160
Other(Mus)	8.40	16.94	0	0
JPL	5.25	10.60	255	196
Total	153.05	297.34		
SOLAR				
Total	19.17	37.40	0	0
Total	19.17	37.40		
Tata				
Trombay 5	8.83	15.94	466	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	5.00	108	83
Trombay 7B	1.48	3.03	64	56
TATA Hydro	5.62	9.15	382	85
Trombay 8	4.57	8.25	231	132
Total	22.91	41.35		
AEML				
DTPS U-1&2	10.76	20.81	503	315
Total	10.76	20.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	182.73	347.33	MSPGCL Total	199.33	381.84
			MSPGCL Thml+Gas	189.75	361.18	Koyna 1,2 & 4 Total	4.65	10.56
			MSPGCL Hydro	9.58	20.66	State Total	420.47	816.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/May/2024

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	Load Shedding		MSEDC L DEM. WITH LS	MUMBAI DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS						Planned	*Transmission Constraint					
1	7916	227	292	8435	808	7057	0	0	7322	6929	-1725	21079	0	0	21079	3120	425	24624	50.02
2	7506	218	292	8016	817	7048	0	0	7307	7166	-1622	21042	0	0	21042	2896	383	24321	49.98
3	7470	218	292	7980	879	7044	0	0	7051	6796	-1529	20793	0	0	20793	2705	377	23875	49.99
4	7619	218	292	8129	898	6815	0	0	7126	6708	-1584	20588	0	0	20588	2575	378	23541	50.00
5	7772	227	293	8292	813	6454	0	0	7188	6907	-1516	20556	0	0	20556	2490	394	23440	49.97
6	7775	223	294	8292	744	6342	0	0	7323	7356	-1485	20826	0	0	20826	2494	423	23743	49.96
7	7741	217	293	8251	639	6287	0	130	7316	7087	-1395	20541	0	1	20541	2506	458	23505	49.98
8	7309	171	291	7771	469	5625	0	708	7714	7881	-1566	20418	0	3	20418	2632	470	23520	50.02
9	6946	241	293	7480	385	5546	0	1386	8256	8243	-1843	20690	0	0	20690	2948	507	24145	49.99
10	7333	155	284	7772	313	5454	0	1930	8827	8478	-2145	21287	0	0	21287	3292	515	25094	49.90
11	7034	154	278	7466	251	5408	0	2354	9432	9213	-2021	22168	0	0	22168	3570	503	26241	49.96
12	7181	225	281	7687	178	5427	0	2395	9519	9190	-2034	22324	0	1	22324	3697	519	26540	50.03
13	7003	231	274	7508	190	5394	0	2413	9541	9076	-2128	21942	0	7	21942	3680	511	26133	49.98
14	6531	275	279	7085	283	5408	0	2391	9571	9329	-2082	21926	0	7	21926	3605	488	26019	50.02
15	7301	249	284	7834	430	5756	0	2203	9495	9117	-2129	22711	0	7	22711	3668	500	26879	50.02
16	7674	201	302	8177	554	6231	0	1659	9163	8766	-2029	22858	0	6	22858	3699	500	27057	50.03
17	7760	284	363	8407	714	6738	0	1101	8305	8322	-1931	22849	0	6	22849	3624	502	26975	50.02
18	7880	734	320	8934	782	6694	0	457	7941	7829	-1891	22297	0	6	22297	3487	508	26292	50.04
19	8084	572	284	8940	839	6827	0	43	7788	7370	-1764	21754	0	0	21754	3284	501	25539	50.04
20	8216	674	284	9174	916	7102	0	0	7498	7244	-1533	22408	0	0	22408	3249	495	26152	49.99
21	8212	838	288	9338	1073	7092	0	0	6882	6723	-1506	22257	0	0	22257	3141	463	25861	50.02
22	8237	744	289	9270	932	7091	0	0	6741	6685	-1468	22042	0	0	22042	3067	468	25577	50.02
23	8152	1107	289	9548	714	7100	0	0	7026	7058	-1486	22473	0	0	22473	3072	461	26006	50.01
24	8078	1172	292	9542	640	7108	0	0	7564	7529	-1530	22856	0	0	22856	3108	433	26397	50.01
MUs	182.73	9.57	7.02	199.33	15.26	153.05	0.00	19.17	191.90	187.00	-41.94	520.68	0.00	0.04	520.68	75.61	11.18	607.48	50.00

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

*Load Shedding due to Transmission Constraint :-

1)ELR Carried out due to 132 KV BBLR to Rahuri line overload 488 AMP/102.10 MW.

State Load Despatch Center,Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 02/May/2024

Position as on 6.30 Hrs of 03/May/2024

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
MSPGCL								
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	31/08/2024
MSPGCL	Chandrapur Unit 5	500	01/05/2024	11:15	02/05/2024	02:33	SUPER HEATER DRAIN LINE Leakage attending	
MSPGCL	Bhusawal Unit 3	210	02/05/2024	01:32		Continued.	Boiler Tube Leakage	05/05/2024
MSPGCL	Uran Unit 5	108	02/05/2024	15:13		Continued.	Axial shift protection operated.(Unit is under zero sch. from 15:30hrs)	
Total Capacity MSPGCL		938						
CENT.SECTOR								
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/08/2024
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	30/09/2024
Total Capacity CENT.SECTOR		320						
Total Capacity FORCED OUTAGE		1258						
UNIT UNDER ZERO SCHEDULE / RSD								
MSPGCL								
MSPGCL	Uran Unit 6	108	30/04/2024	05:59	02/05/2024	15:54	Zero schedule	
MSPGCL	Uran Unit 5	108	30/04/2024	06:16	02/05/2024	14:49	Zero schedule	
MSPGCL	Uran Unit 6	108	02/05/2024	17:28		Continued.	Zero schedule.	
Total Capacity MSPGCL		324						
Total Capacity UNIT UNDER ZERO SCHEDULE / RSD		324						
FORCED OUTAGE DUE TO NO PPA								
IPP								
IPP	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
Total Capacity IPP		988						
Total Capacity FORCED OUTAGE DUE TO NO PPA		988						

* Other generator generating power instead of contracted genertaoor with tri-party agreement in between generatos & discom (Case-IV bidding)

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2024

Statement-VII

Position as on 6.30 Hrs of 03/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
PADGHE - TARAPUR CKT - 1	InterState	02/05/2024	10:58	02/05/2024	11:58	T	Distance Protection
BUS REACTOR (50MVAR) @ PARLI	IntraState	27/09/2023	15:30			PO	Replacement of old 50 MVAR bus reactor by new 125 MVAR bus reactor.
CHANDRAPUR 2 - WARORA CKT-1	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
CHANDRAPUR 2 - WARORA CKT-2	IntraState	22/04/2024	17:27			T	Tripped on distance protection.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	23/04/2024	09:38			HT	For load management.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	01/05/2024	22:11			HT	For facilitating outage on 765 Kv Aurangabad - Padghe line.
CHANDRAPUR - KHAPERKHEDA	IntraState	02/05/2024	13:48	02/05/2024	17:10	T	Tripped on distance protection
PARLI - KARJAT CKT - 1	IntraState	02/05/2024	17:37	02/05/2024	18:43	T	Tripped on distance protection
PARLI - KUMBHARGAON (NANDED) CKT - 1	IntraState	02/05/2024	21:07	03/05/2024	04:37	PO	Broken conductor strands at Loc 22-23 and Loc 94-95
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	03/05/2024	06:45			PO	For string replacement work
DEEPNAGAR - AURANGABAD (WALUJ)	IntraState	03/05/2024	06:45			PO	1) Routine Maintenance and Diagnostic Testing. 2) Line Maintenance Work.
400 KV ICT Outages/Trippings							
STATION TF No 3 @ CHANDRAPUR GCR	IntraState	01/03/2023	15:07			PO	1) Oil filtration work 2) Testing of Station transformer 3) Preventive maintenance work.
400/220KV 500 MVA ICT - 3 @ VIKHROLI GIS	IntraState	10/02/2024	17:40			HT	H/T For LV only.
STATION TF - 1 @ KORADI -2	IntraState	02/05/2024	10:02			PO	1)for tap changing work at Mahagenco premises.
400/220/33 KV 315MVA ICT - 3 @ KARAD	IntraState	02/05/2024	17:02	03/05/2024	01:57	PO	For Replacement of MOG , Buchholz and retrofitting of HV & LV back up relay.
220 KV MAINBAY Outages/Trippings							
220KV BUS SECTION BAY @ PEDAMBE	IntraState	03/04/2024	15:55			T	Tripped due to Y ph CT burst
220/33 KV 100 MVA PTF 3	IntraState	02/05/2024	12:14	02/05/2024	15:34	PO	Diagnostic testing work.
220 KV LINE Outages/Trippings							
PARLI (OLD GCR) - PARLY (PG) CKT 1	InterState	02/05/2024	09:06	02/05/2024	17:45	PO	Line maintenance work.
KHARGHAR - ULWE GIS CKT-1	IntraState	19/04/2024	15:22			T	Wavetrap uncoiled at Kharghar end
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	01/05/2024	15:59	02/05/2024	02:28	PO	Replacement of old disc insulator with porcelain long rod insulator strings, replacement of the cross arm at loc no 114, . Suspension nut bolt tightening work.
220 KV THAPTITANDA - NAGEWADI CKT - II	IntraState	02/05/2024	07:06	02/05/2024	17:21	PO	Replacement of jump at Loc no.65 Y-ph 92 R-ph pilot nut bolt tightening works found in monkey patrolling.
FLAGSHIP-CHINCHWAD	IntraState	02/05/2024	07:27	02/05/2024	11:33	PO	To remove bird nest above R ph CT gantry, to apply bird pesto medicine & lower down the flags to arrest arrival of birds.
220 KV SICOM - CFP CKT - 1	IntraState	02/05/2024	10:28	02/05/2024	13:45	PO	Attending of oil leakage of 220kV Y-ph protection CT.
220 KV BALAPUR - MALKAPUR LINE	IntraState	02/05/2024	10:35	02/05/2024	14:00	PO	Flashover disc replacement at Loc no.16 R ph.
PARAS-BALAPUR IV	IntraState	02/05/2024	10:38	02/05/2024	13:56	PO	Flashover disc replacement at Loc no.16 R ph.
WARORA - WARORA RLY TSS 1	IntraState	02/05/2024	10:40	02/05/2024	20:40	PO	Commissioning of new distance protection relay.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2024

Statement-VII

Position as on 6.30 Hrs of 03/May/2024

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
PETH- MUDSHINGI 1 LINE	IntraState	02/05/2024	15:37	02/05/2024	22:47	PO	Replacement of O/C E/F back up relay
PETH- MUDSHINGI 1 LINE	IntraState	02/05/2024	15:37	02/05/2024	22:47	PO	for SSN to DSN string work at loc no. 119 & 120, 145 & 146 road crossing towers for safety purpose.
GHATGHAR - BAPGAON	IntraState	02/05/2024	16:57	02/05/2024	21:25	PO	For attending damage conductor work at Loc no. Ghatghar LILO 78 -79, Pilot string replacement work at Loc no. 214 and flashover polymer replacement work at Loc. 217.
BABHALESHWAR - UTECH SUGAR	IntraState	02/05/2024	18:55	03/05/2024	01:15	PO	Damaged conductor will be replacement at location No 70 Y ph (BBLR side) & 71 R ph (Babhaleshwar side). Attending the low clearance (observed 6.75 M but required 7.1)between location No 6-7(Road crossing), The jumper nut bolt replacement & tightening work is required to be carried out at pass jump provided by hot line location No-A1, A2 .
TROMBAY MSETCL TIE - 1	IntraState	02/05/2024	23:10	03/05/2024	08:07	PO	R/M AND TESTING
WATHAR - MUDSHINGI 3 LINE	IntraState	03/05/2024	06:44			PO	For SSN to DSN & STN to DTN string work at loc no. 214, 215 & 161 road crossing towers for safety purpose.
MAHAPE - RELIANCE GIS	IntraState	03/05/2024	08:47			PO	Replacement of 29D isolator Operating box
220 KV ICT Outages/Trippings							
220/132KV 100MVA PTR 2 @ KHAREPATAN	IntraState	02/05/2024	08:24	02/05/2024	14:40	PO	Bay equipment preventive maintenance, cold washing work.
220/132KV 100MVA ICT 3 @ BALAPUR	IntraState	02/05/2024	08:25	02/05/2024	16:25	PO	IR, Capacitance and tan delta measurement of CT & ICT, Auxillary protection testing of ICT. IR, CRM and timing measurement of CB.
110 KV LINE Outages/Trippings							
SALSETTE POWAI	IntraState	27/03/2023	11:04			PO	Replacement of tower number 77 & 78 for TDS project work.
KHOPOLI - DAVDI	IntraState	02/05/2024	09:45			PO	Tower erection at Location no 24 and Conductor Shifting and stringing. Dismantling of Existing tower.

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage